HELP YOURSELF
FLASH CARDS

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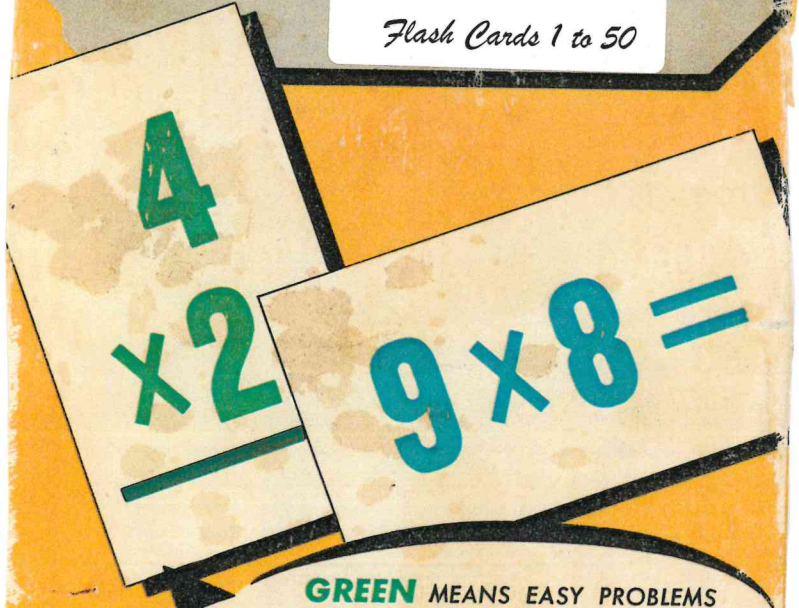
508 West [illegible]
Toppenish, Washington

MULTIPLICATION

Flash Cards 1 to 50



GREEN MEANS EASY PROBLEMS
BLUE MEANS HARDER PROBLEMS

Whitman

TO THE
PARENT OR TEACHER

Suggestions for Using

Help Yourself

Ruby Rawlings
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Toppenish, Washington

ARITHMETIC FLASH CARDS

Before a child is ready for abstract thinking in arithmetic, he must have concrete experience with objects. See that he is provided with counters—bits of paper, buttons, pebbles—anything easy to manipulate as he works out the problems. This will help him to understand what it is all about and will pave the way for abstract thinking. When the child shows that he is able to work without counters, encourage him to memorize the problems with their answers.

Begin with the green side of the cards. Use them one at a time, and in sequence, until the child knows them. When he has mastered the greens he is ready for the more difficult blues.

Each problem with its answer is printed on the reverse side of the card to help the child when he is working alone.

Whitman

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FUN WITH FLASH CARDS

GET 'EM

Two Players—One Is the Teacher

Start with the green cards that the child has learned. Arrange them so that they face the same way and shuffle. The teacher holds the pack and flashes one card at a time. If the child says the correct answer he gets the card. If not, the teacher puts it aside. When all of the cards have been flashed, each counts his pack. The winner is the one with more cards.

The teacher then gives the child the cards he missed so that he can learn them before the game is played again.

When the child is sure of all of the green cards, play the game with the blue cards.

TRAIN

Two Players—A Child and an Adult

The object is for the child to travel to the city without stopping. Start with the green cards. Place 10 in a row. The first card is the starting point. The last card is any city agreed upon. The cards between are unnamed towns.

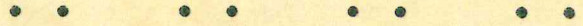
Beginning at the starting point, the child says aloud the answer to each problem. If correct, he continues to travel. If wrong, the adult asks him to read the problem and its answer as it is printed on the back of the card. The child then places the card in its original position, returns to the starting point, and begins his trip again.

When the child can go from the starting point to the city without stopping, play the game with the next 10 cards. As the child begins to know the answers, increase the number of cards.

SET 3
MULTIPLICATION

What is multiplication? It is a short way to add a number a certain number of times.

LET'S MULTIPLY



How many times do you see two dots?

Do you see them four times?

Count the dots. Are there eight?

There are two ways to write this problem:

$$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array} \qquad 4 \times 2 = 8$$

Read the problem this way:

4 times 2 are 8

How many times do you see three dots?

Do you see them five times?

Count the dots. Are there fifteen?

$$\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array} \qquad 5 \times 3 = 15$$

Read the problem this way:

5 times 3 are 15

HELP YOURSELF

Arithmetic Flash Cards

FOR HOME OR SCHOOL

Printed With Special Eye-Saving Ink

SET 1—ADDITION
SET 2—SUBTRACTION
SET 3—MULTIPLICATION
SET 4—DIVISION

These cards are planned for the child who needs to strengthen his knowledge of basic arithmetic facts, as well as for the gifted child who is ready for new arithmetic experiences. Proper use of the cards will result in better school work and happier children.

Each set contains instructions for using the cards, games to be played with flash cards, and helpful suggestions for both the child and the adult who wishes to help the child.

$$\begin{array}{r} 0 \\ \times 5 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 0 \\ \times 0 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 1 \\ \times 0 \\ \hline \end{array}$$

0
×0
0

1

0 × 5 = ____

1
×0
0

2

1 × 5 = ____

2
×5
10

3

2

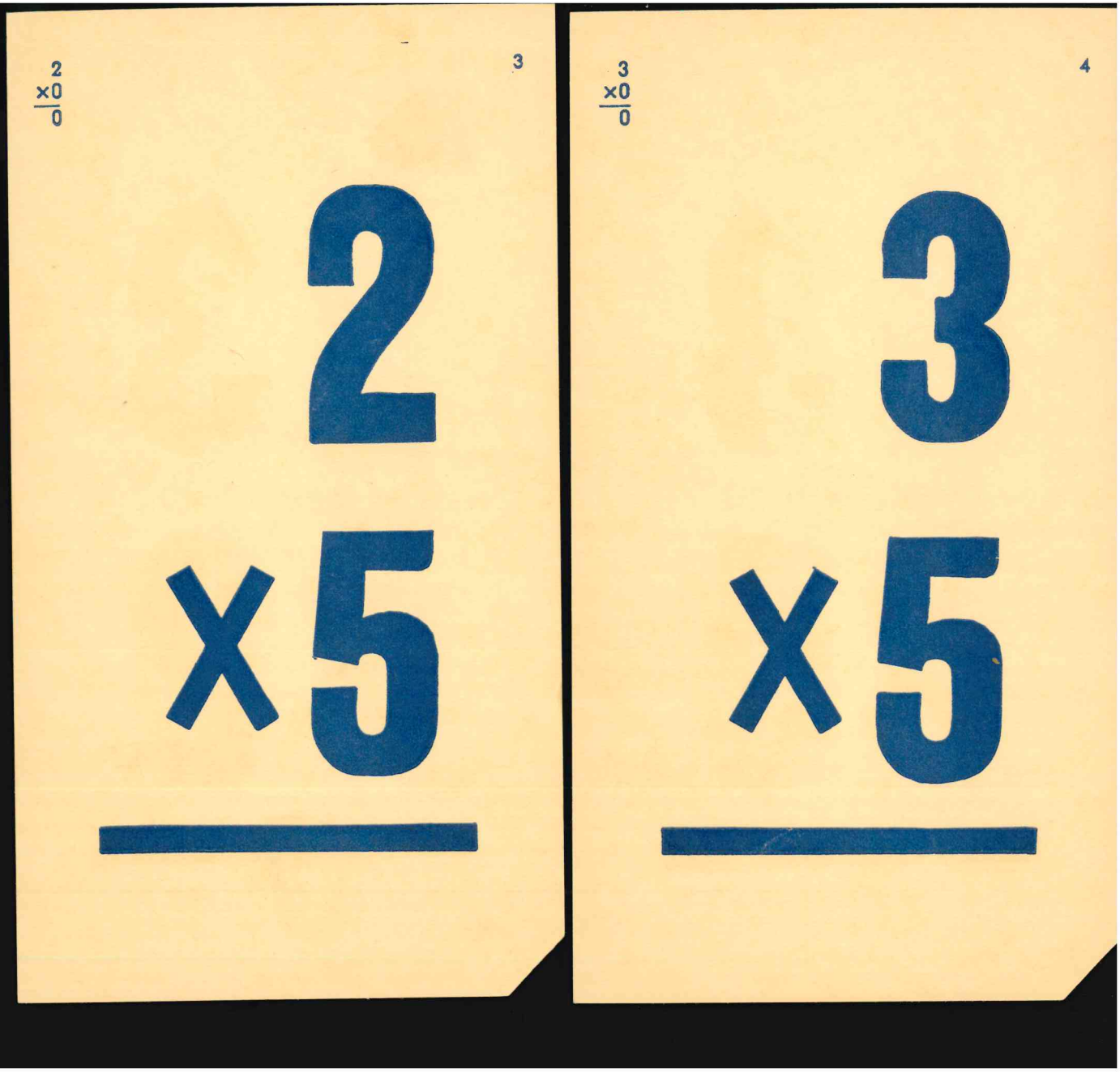
×0

3
×5
15

4

3

×0


2
×0
0
3
2
×5
3
×0
0
4
3
×5

$$\begin{array}{r} 2 \\ \times 0 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 0 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

4
×5
20

5

4 × 0 = ____

5
×5
25

6

5 × 0 = ____

4
×0
0

5

4
×5
___

5
×0
0

6

5
×5
___

6
×5
30

7

6 × 0 = ____

7
×5
35

8

7 × 0 = ____

6
×0
0

6

×5

7
×0
0

7

×5

8
×5
40

9

9
×5
45

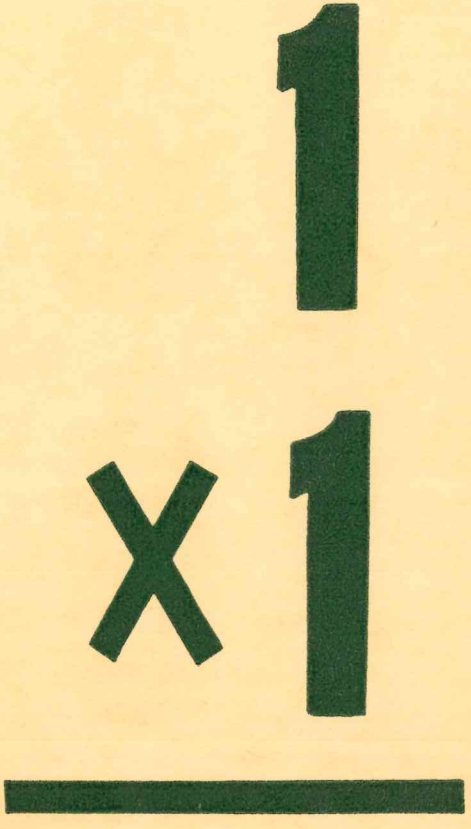
10

8
×0
0
9
8
×5

9
×0
0
10
9
×5

$$\begin{array}{r} 0 \\ \times 6 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$$

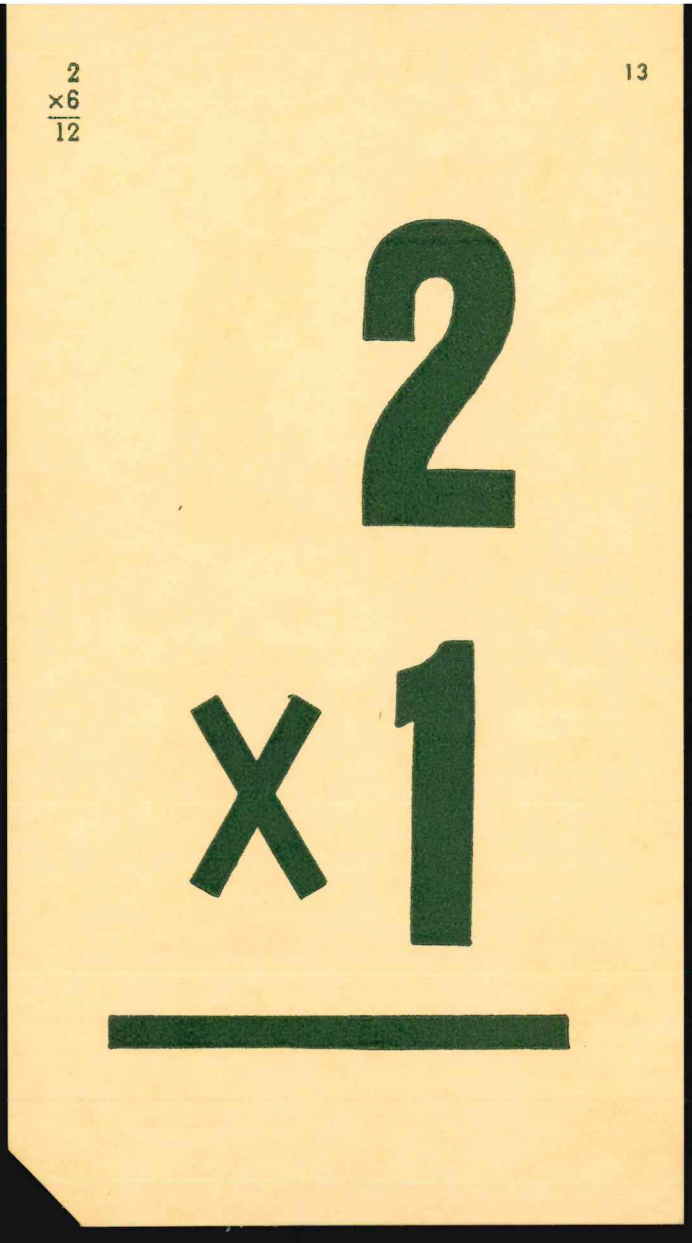


$$\begin{array}{r} 0 \\ \times 1 \\ \hline 0 \end{array}$$

$$0 \times 6 = \underline{\qquad}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$$

$$1 \times 6 = \underline{\qquad}$$


2
×6
12
13
2
x1

3
×6
18
14
3
x1

$\begin{array}{r} 2 \\ \times 1 \\ \hline 2 \end{array}$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \\ \hline \end{array}$$

$\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \\ \hline \end{array}$$

15

4
×6
24

4

x 1

16

5
×6
30

5

x 1

15

$$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \quad \end{array}$$

16

$$\begin{array}{r} 5 \\ \times 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \quad \end{array}$$

17

6
×6
36

6

×1

18

7
×6
42

7

×1

$$\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \\ \hline \end{array}$$

8
×6
48

19

8

×1

9
×6
54

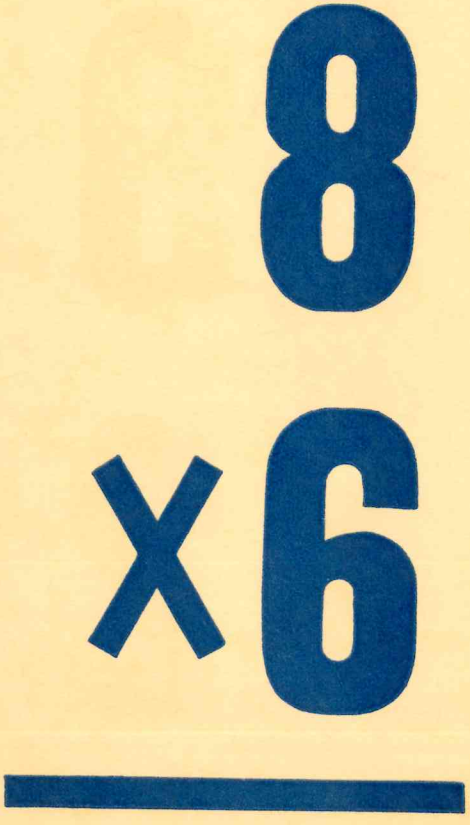
20

9

×1

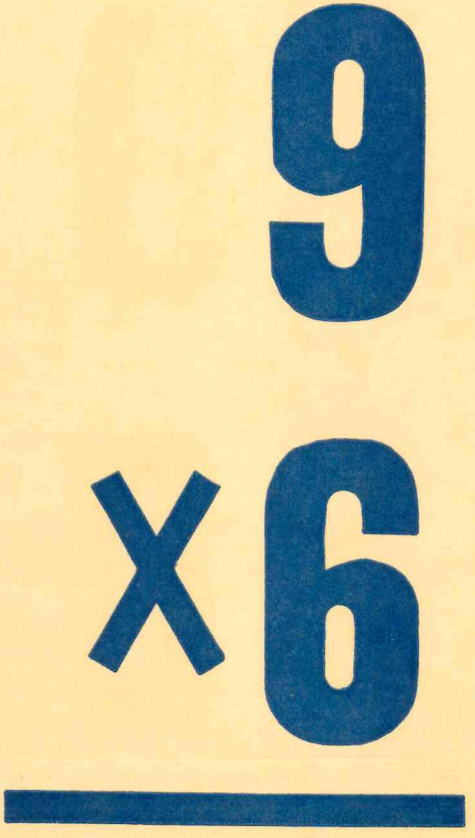
$\begin{array}{r} 8 \\ \times 1 \\ \hline 8 \end{array}$

19



$\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$

20



21

$$\begin{array}{r} 0 \\ \times 7 \\ \hline 0 \end{array}$$

0 × 2 = ____

22

$$\begin{array}{r} 1 \\ \times 7 \\ \hline 7 \end{array}$$

1 × 2 = ____

21

0
×2
0

0

×7

22

1
×2
2

1

×7

23

2
×7
14

2
×2
___

24

3
×7
21

3
×2
___

$$\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \\ \hline \end{array}$$

25

4
×7
28

4

×2

26

5
×7
35

5

×2

$$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \\ \hline \end{array}$$

27

$$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$$

$$6 \times 2 = \underline{\qquad}$$

28

$$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$$

$$7 \times 2 = \underline{\qquad}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 7 \\ \times 7 \\ \hline \\ \hline \end{array}$$

8
×7
56

8

×2

9
×7
63

9

×2

8
×2
16

29

8
×7
___

9
×2
18

30

9
×7
___

31

$$\begin{array}{r} 0 \\ \times 8 \\ \hline 0 \end{array}$$

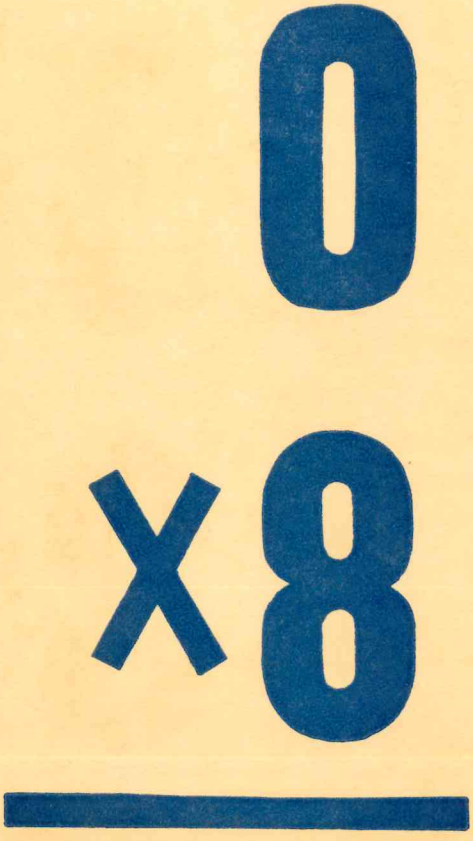
$$0 \times 3 = \underline{\qquad}$$

32

$$\begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$$

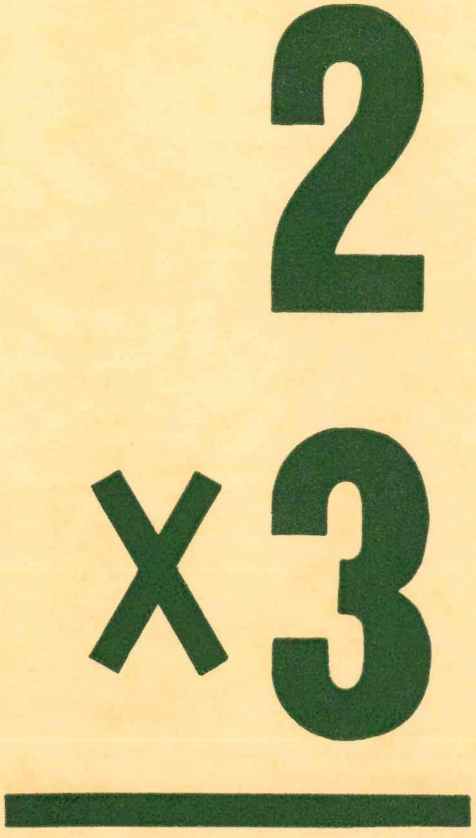
$$1 \times 3 = \underline{\qquad}$$

$$\begin{array}{r} 0 \\ \times 3 \\ \hline 0 \end{array}$$

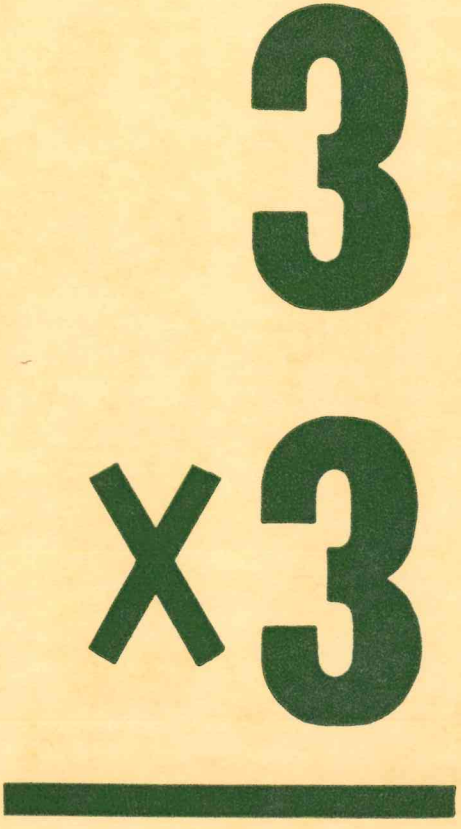


$$\begin{array}{r} 1 \\ \times 3 \\ \hline 3 \end{array}$$

2
×8
16



3
×8
24



33

$$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$$

$$2 \times 8 = \underline{\qquad}$$

34

$$\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$$

$$3 \times 8 = \underline{\qquad}$$

4
×8
32

4
×3
___

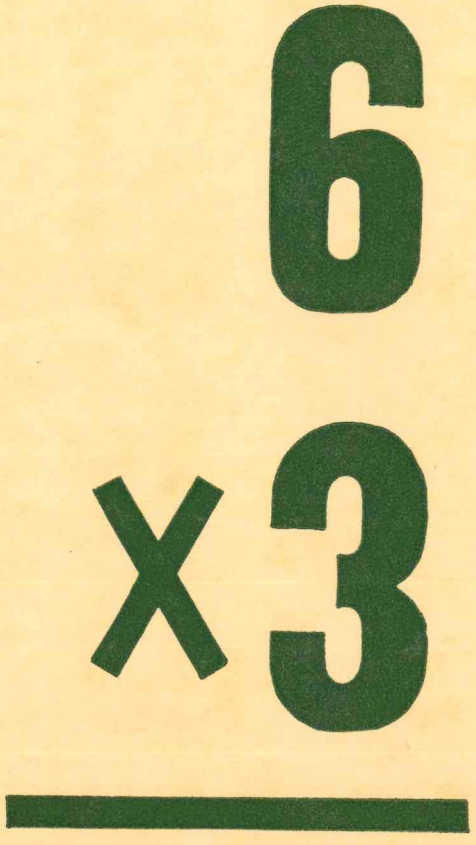
5
×8
40

5
×3
___

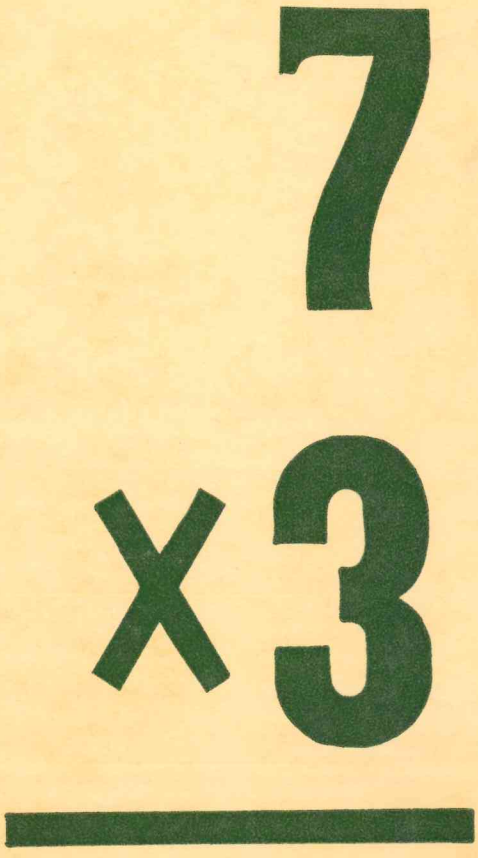
$$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$$



$$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$$



6
×3
18

37

6

×8

7
×3
21

38

7

×8

8
×8
64

39

8 × 3 = ___

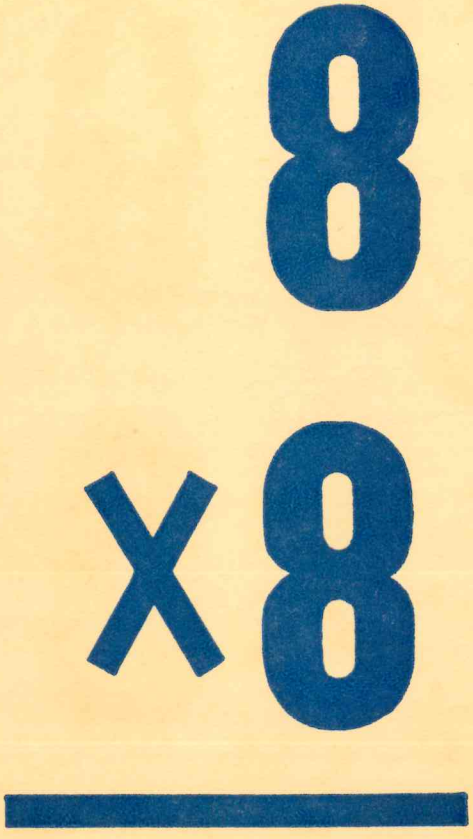
9
×8
72

40

9 × 3 = ___

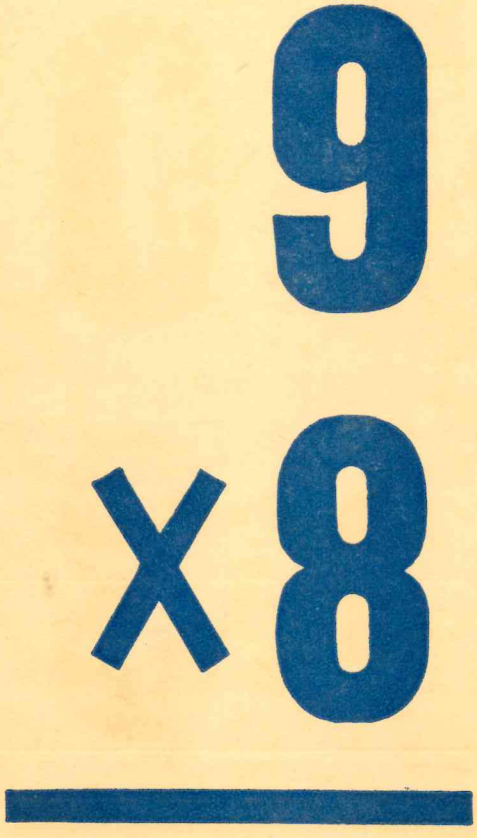
39

$$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$$



40

$$\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$$



41

$$\begin{array}{r} 0 \\ \times 9 \\ \hline 0 \end{array}$$

$$0 \times 4 = \underline{\qquad}$$

42

$$\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$$

$$1 \times 4 = \underline{\qquad}$$

$$\begin{array}{r} 0 \\ \times 4 \\ \hline 0 \end{array}$$

$$0 \times 9 = \underline{\qquad}$$

$$\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$$

$$1 \times 9 = \underline{\qquad}$$

2
×9
18

2
×4
___

3
×9
27

3
×4
___

$$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$$

2 × 9 = ____

$$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$$

3 × 9 = ____

4
×9
36

5
×9
45

45

$$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$$

$$4 \times 9 = \underline{\qquad}$$

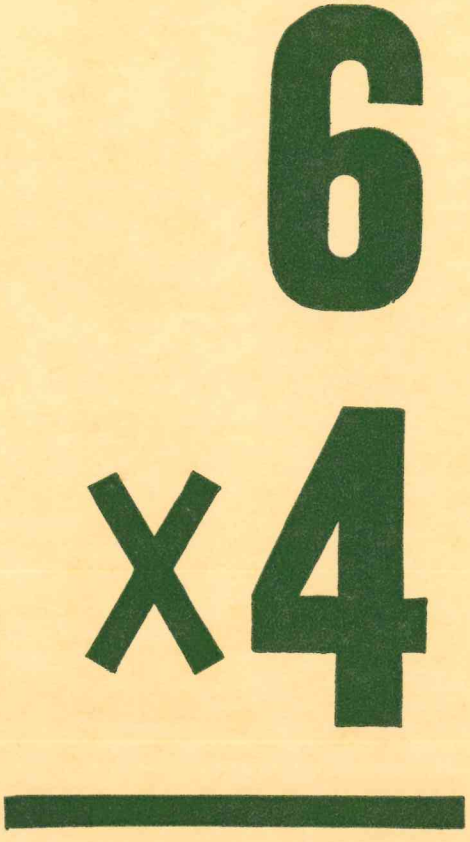
46

$$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$$

$$5 \times 9 = \underline{\qquad}$$

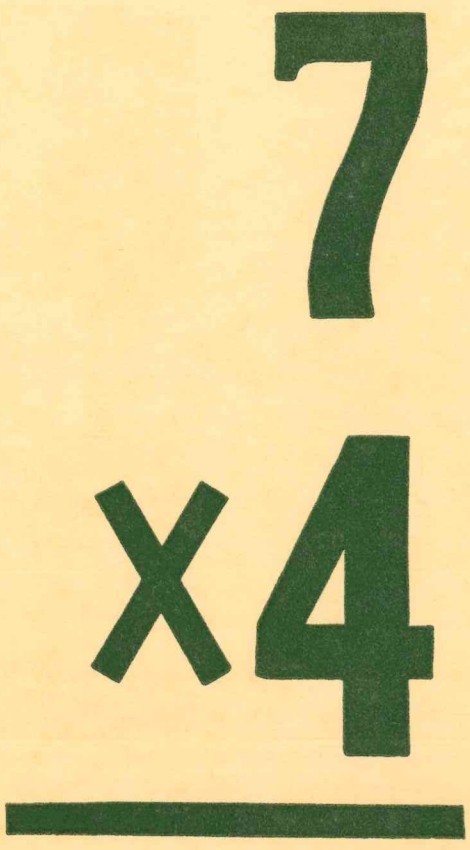
47

$$\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$$



48

$$\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$$



$$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$$

$$6 \times 9 = ____$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

$$7 \times 9 = ____$$

8
×9
72

49

8 × 4 = ___

9
×9
81

50

9 × 4 = ___

8
×4
32

49

8

× 9

9
×4
36

50

9

× 9